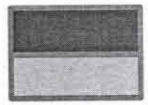
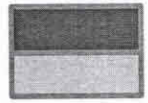
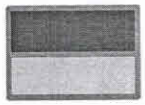
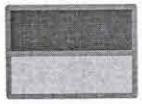
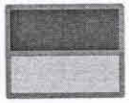
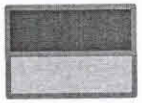
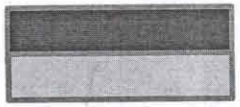
BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Providing Decorative / Ornamental / Pathway Lights with Poles in Parks and Footpaths and energy efficient street lights, real time street light control switches, control wires, poles ABC cable and other accessories in Ward No.01, 03 and 04

Sl No	Description of Work	Unit	Shedule -B Qty	Executed Qty	% of Work Completed	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including	Cum	126.52	126.52	100.00						
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed,	Cum	11.35	11.35	100.00						
3	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Ton	6.72	6.72	100.00						
4	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt	Cum	128.26	128.26	100.00						
5	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading,	Sqm	108.00	108.00	100.00						
6	Providing and fixing pre cast solid cement concrete kerb stones made out of CC M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting	Nos	522.00	522.00	100.00						
7	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate	Nos	700.00	700.00	100.00						

For M/s. Surekha Electricals

	Description of Work	Unit	Shedule -B Qty	Executed Qty	% of Work Completed	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
8	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate	Nos	80.00	80.00	100.00			[redacted]			
9	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate	Nos	190.00	190.00	100.00			[redacted]			
10	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear	Nos	250.00	250.00	100.00			[redacted]			
11	Supplying and Fixing of.....mm dia class A GI pipe bracket upto 2 ms long bent at suitable angle and fixing to this bracket 1x40/2x40 W fluorescent tube street light fitting of all capacities to GI or GI or rail or RCC pole / wall using	Each	700.00	700.00	100.00			[redacted]			
12	Fabricating, supplying and erecting swaged tubular pole of height …Mtr having three sections, and providing two coats of red oxide paint and finished with two coats of enamelled paint of approved quality and colour	Each	186.00	186.00	100.00			[redacted]			
13	Supplying and fixing telescopic M.S. bracket fabricated by using 0.5m length 4" dia telescopic M. S. pipe, with 2" dia 1.5m long M. S. bracket and are welded with suitable angle, using 6mm thick M. S. sheet, grip bolts & nuts, as required,	Each	186.00	186.00	100.00			[redacted]			
14	Supplying of 1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 16 Sqmm, 4 Core, (11 GI	Km	2.80	2.80	100.00			[redacted]			
15	Supplying of 1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 25 Sqmm, 3.5 Core, (12 GI	Km	1.65	1.65	100.00			[redacted]			
16	Supplying of 1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 35 Sqmm, 3.5 Core, (14 GI	Km	0.32	0.32	100.00			[redacted]			

For M/s. Suraksha Electri...

Proprietor

Sr. No.	Description of Work	Unit	Shedule -B Qty	Executed Qty	% of Work Completed	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
17	Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/Aluminum Rollers as directed by the departmental staff 2.5 to 25 Sqmm	Km	4.45	4.45	100.00						
18	Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/Aluminum Rollers as directed by the departmental staff 35 to 95 Sqmm	Km	0.32	0.32	100.00						
19	Earth work excavation for cable trench of 0.4 to 0.6 Mtr. Width and Depth upto 1 Mtr including trial pits, depositing on bank upto a lead of 50 Mtr, Supplying and Displaying necessary Danger Boards and Lighting, Using sight Rails	Cum	577.44	577.44	100.00						
20	Refilling the cable trenches with selected available earth from trench excavation including watering, consolidation in layers of 15 cm. Thickness including depositing of the surplus earth with a lead of 200 Mtr	Cum	577.44	577.44	100.00						
21	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for	Mtrs	2256.00	2256.00	100.00						
22	GI Pipe B - Class as per IS-1239 GI Pipe - 40 mm Dia	Mtrs	50.00	50.00	100.00						
23	Supplying of Epoxy Terminating Kit (Pothead) suitable for 1.1 kV, LTUG Cable Up to 4C x 50 Sqmm	Nos	10.00	10.00	100.00						
24	Supplying Heavy Duty Copper Terminal Long Barrel.25 Sqmm Copper Terminal, Apprx Wt: 11 Gm	Nos	700.00	700.00	100.00						
25	Rod type of earthing using 40 mm Dia, 3 Mtr long MS rod as ground rod, in earth pit of 300 mm width and 3300 mm depth and using 50x6 mm flat welded to ground rod as terminal & connected to equipment ground terminal using	Nos	10.00	10.00	100.00						

For M/s. Suraksha Electricals

Proprietor

	Description of Work	Unit	Shedule -B Qty	Executed Qty	% of Work Completed	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
26	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat … with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm	Mtrs	80.00	80.00	100.00						
27	Fabricating supplying and mounting MS box made out SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking	Sqmm	350000.00	350000.00	100.00						
28	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and	Nos	10.00	10.00	100.00						
29	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and	Nos	1220.00	1220.00	100.00						
30	Supplying & fixing of retrofit type - LED bulb.....W with OPAL acrylic diffuser comprising of LED source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt,life> 25000 burning hours and Compliance to IS	Each	31.00	31.00	100.00						
31	Supplying Spiral Earth Electrode	Each	31.00	31.00	100.00						
32	Dismanting of Steel/I- Beam/Tubular poles (90% of the Pole erection charges.p2/2.01 Rs 688.00x90%=619.2)	Each	50.00	50.00	100.00						
33	Releasing of existing LEd street light(Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires. (Releasing of LED Lights=90% of	Each	190.00	190.00	100.00						
34	Mobile Hydraulic Crane 35 t capacity for releasing and refixing of High Mast	hour	150.00	150.00	100.00						

For M/s. Suraksha Electricals

.o	Description of Work	Unit	Shedule -B Qty	Executed Qty	% of Work Completed	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
35	Supply of 1.1 kV, LT Aerial Bunched Cable, XLPE insulation confirming to IS-14255: 1995 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	Km	7.79	7.79	100.00						
36	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connection	Nos	360.00	360.00	100.00						
37	Dead End Clamp/Anchor Clamp Assembly 25 to 95 Sqmm Bare Messenger(Exclusive of Pole Clamp and Eye Hook)	Nos	25.00	24.00	96.00						
38	Suspension Clamp Assembly 16 to 70 Sqmm Bare Messenger (Exclusive of Pole Clamp and Eye Hook	Nos	60.00	60.00	100.00						
39	Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control)	Km	7.79	7.79	100.00						
40	Erection of Suspension Clamp - 25 to 95 Sqmm bare messenger	Nos	60.00	60.00	100.00						
41	Installation of Insulation piercing connector for Main to Street Light Main : 16-95 Sqmm, Tap: 1.5-10 Sqmm (EP95)	Nos	360.00	360.00	100.00						
42	Fixing of Dead End Clamp	Nos	25.00	24.00	96.00						
43	Centralized Control & Monitoring Sysem (CCMS) for Streetlights consisting of: Supply and erection of Thyristor based single phase smart streetlight control and monitoring system remotely control and monitorable smart streetlight	Nos	10.00	10.00	100.00						

For M/s. Suraksha Electricals

Director

No	Description of Work	Unit	Shedule -B Qty	Executed Qty	% of Work Completed	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
44	Supply and erection of Single phase 63 Amps Thyristor based Streetlight control system consisting of: micro controller based electronic Timer with RTC, 2x16 LCD with back light, 5 Tactile keys, 106 Thyristor module for load	Nos	50.00	50.00	100.00						
45	Supply and erection of 3 Mtr long Aluminium decorative Pole with 60 watt LED Light made out of single piece extruded alluminium 75x150mm with 3 MM thickness,self "U" type in built grove for strip lighting with same	Nos	40.00	40.00	100.00						
46	Supply and erection of 3 Mtr long Aluminium Pole with 60 watt LED Light made out of extruded alluminium 75x150mm with 3 MM thickness, self "U" type in built grove for strip lighting with same dimension extended Z	Nos	28.00	28.00	100.00						
47	Supply of 3 Mtr Powder Coated Mild Steel Pole with 3mm thickness having top Triangle shape with light 36w and arm light 24w Body Colour Grey/Black . 3mtr pole will have blue colour 20w strip on double side of the pole. Square	Nos	20.00	20.00	100.00						
48	Supply of 3 Mtr Powder Coated Mild Steel Pole with 3mm thickness having top Giraffe neck shape with light 36w and Body Colour Grey/Black . 3mtr pole will have blue colour 20w strip on double side of the pole. Square base Plate sized	Nos	40.00	40.00	100.00						
49	Supply of 3 Mtr Powder Coated Mild Steel Pole with 3mm thickness having top Triangle shape, Arm will have 600mm length at one side PCB will be palced with 36w light output , Body Colour Grey/Black . 3mtr pole and top triangle	Nos	25.00	25.00	100.00						
50	Supply of Pressure die Cast body housing landscape Round Light, dimensions Dia:600mm,Hight 430mm and mounting dia OD 60mm, LED Light having 60w output and Body colour Grey/Black. Make : Emerald Lighting solutions	Nos	52.00	52.00	100.00						
51	Fabricating, Supplying and erection of decorative bent type Tuskar Conical Street light pole with hot dip Galvanized with BSEN 10025 grade S 355 JO Steel plate for shaft, IS 2062 for base plate with door opening arrangements,	Nos	31.00	31.00	100.00						
52	Fabricating, Supplying and erection of decorative Zig- Zag bent type Street light pole with hot dip Galvanized with BSEN 10025 grade S 355 JO Steel plate for shaft, IS 2062 for base plate with door opening arrangements, including	Nos	74.00	74.00	100.00						

For M/s. Suraksha Electricals

Proprietor

	Description of Work	Unit	Shedule -B Qty	Executed Qty	% of Work Completed	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
53	Fabricating, Supplying and errection of Garden speaker protective enclsoure of size H 91.55mmxL30.50mmxB30.50mm fabricated out of MS 1"1/8 L angle and 1" weld mesh with bolts, washers , nuts &	Nos	80.00	80.00	100.00						
54	Laying of UG Cables by trenchless technology by adopting horizontal boring & Drawing of cable including preparation at site With HDPE Pipe i) Normal soil 5/6" bore size	Mts	304.00	304.00	100.00						
			= Planed %								
			= Executed %								

For M/s. Suraksha Electricals

Proprietor

T.K.N. Bodke

T.K.N. Bodke